

EMTRC LAB

(EMTRC CONSULTANTS PRIVATE LIMITED)

F-66, Road No.2, Phase-I, UPSIDC Industrial Area
 Masuri Gulawathi Road, Ghazibad (UP)-201009
 Recognized by Ministry of Environment & Forests, GOI
 Vide Notification No S.O.592 (E) 08.03.2013 to 07.03.2018

TEST REPORT

Issued To – Country wide Promoters Pvt. Ltd.
 Address – M-11, Middle Circle, Connaught Circus
 New Delhi - 110001
 Party Code No. -- CPPL/12/01
 Name of Project – Park Life Group Housing village-Samaspur Sector-57 Gurgaon
 Nature of Sample – Ambient Air Quality Monitoring
 Sample Collected by – Scientists of EMTRC

AMBIENT AIR QUALITY TEST RESULTS

| | Parameters | Unit | Locations | | |
|--------------------|-------------------------------------|-------------------|--------------|------------------|-----------------------|
| | | | Project site | Samaspur village | National Standard |
| Date of Monitoring | | | 11-12-2013 | 11-12-2013 | |
| 1 | PM _{2.5} | µg/m ³ | 52 | 48 | 60 (24-hours average) |
| 2 | PM ₁₀ | µg/m ³ | 86 | 79 | 100(24-hours average) |
| 3 | Sulphur dioxide (SO ₂) | µg/m ³ | 13.8 | 11.4 | 80 (24-hours average) |
| 4 | Nitrogen dioxide (NO ₂) | µg/m ³ | 36.4 | 32.6 | 80 (24-hours average) |

Test Method- Measurement of Ambient Air Pollutants (Vol-I), CPCB, May 2011

H. Anand Kumar
 Prepared by
 (Chemist)

A. K. Singh
 Checked by
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TEST REPORT

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Address - M-11, Middle Circle, Connaught Circus
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Party Code No. -- CPPL/12/02
Name of Project - Park Life Group Housing village-Samaspur Sector-57 Gurgaon
Nature of Sample - Ambient Air Quality Monitoring
Sample Collected by - Scientists of EMTRC

AMBIENT AIR QUALITY TEST RESULTS

| | Parameters | Unit | Locations | | |
|---|-------------------------------------|-------------------|---------------|-----------------|-----------------------|
| | | | Tigra village | Nirwana village | National Standard |
| | Date of Monitoring | | 12-12-2013 | 12-12-2013 | |
| 1 | PM _{2.5} | µg/m ³ | 40 | 39 | 60 (24-hours average) |
| 2 | PM ₁₀ | µg/m ³ | 74 | 70 | 100(24-hours average) |
| 3 | Sulphur dioxide (SO ₂) | µg/m ³ | 10.2 | 9.8 | 80 (24-hours average) |
| 4 | Nitrogen dioxide (NO ₂) | µg/m ³ | 29.6 | 24.8 | 80 (24-hours average) |

Test Method- Measurement of Ambient Air Pollutants (Vol-I), CPCB, May 2011

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(Chemist)

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 Address – M-11, Middle Circle, Connaught Circus
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 Party Code No. – CPPL/12/03
 Name of Project – Park Life Group Housing village-Samaspur Sector-57 Gurgaon
 Nature of Sample – Ground water
 Date of Monitoring –12-12-2013
 Sample Collected by – Scientists of EMTRC

WATER QUALITY TEST RESULTS

| | Parameters | Unit | Test Methods | Samaspur | Project site | Permissible limit IS:10500 |
|----|-------------------------------------|-----------|--------------|----------|--------------|----------------------------|
| 1 | pH | - | APHA-4500 | 7.88 | 7.68 | 6.5 – 8.5 |
| 2 | Conductivity | µmhos/cm | APHA-2510 | 2760 | 2310 | - |
| 3 | Turbidity | NTU | APHA-2030B | 4 | 4 | 10 |
| 4 | Total Dissolved Solids | mg/l | APHA-2540B | 1820 | 1510 | 2000 |
| 5 | Total Hardness as CaCO ₃ | mg/l | APHA-2340C | 400 | 340 | 600 |
| 6 | Calcium as Ca | mg/l | APHA-4500B | 76 | 68 | 200 |
| 7 | Magnesium as Mg | mg/l | APHA-4500B | 51 | 41.3 | 100 |
| 8 | Chlorides as Cl | mg/l | APHA-4500B | 548 | 364 | 1000 |
| 9 | Nitrates as NO ₃ | mg/l | APHA-4500 | 11.2 | 10.4 | 100 |
| 10 | Fluoride as F | mg/l | APHA-4500D | 0.78 | 0.72 | 1.5 |
| 11 | Phosphates as PO ₄ | mg/l | APHA-4500C | 0.034 | 0.028 | 0.3 |
| 12 | Iron as Fe | mg/l | APHA-3111B | 0.032 | 0.026 | 1.0 |
| 13 | Copper as Cu | mg/l | APHA-3111B | <0.02 | <0.02 | 1.5 |
| 14 | Lead as Pb | mg/l | APHA-3111B | <0.01 | <0.01 | 0.05 |
| 15 | Manganese as Mn | mg/l | APHA-3111B | <0.05 | <0.05 | 0.3 |
| 16 | Zinc as Zn | mg/l | APHA-3111B | 1.5 | 1.2 | 15 |
| 17 | Chromium | mg/l | APHA-3111B | <0.05 | <0.05 | 0.05 |
| 18 | Nickel as Ni | mg/l | APHA-3111B | <0.01 | <0.01 | 0.05 |
| 19 | Oil & Grease | mg/l | APHA-5520D | Nil | Nil | 0.03 |
| 20 | Cadmium as Cd | mg/l | APHA-3111B | <0.01 | <0.01 | 0.05 |
| 21 | Mercury as Hg | mg/l | APHA-3111B | <0.001 | <0.001 | 0.001 |
| 22 | Arsenic as As | mg/l | APHA-3111B | <0.001 | <0.001 | 0.05 |
| 23 | Selenium as Se | mg/l | APHA-3111B | <0.01 | <0.01 | 0.05 |
| 24 | Cobalt as Co | mg/l | APHA-3111B | <0.01 | <0.01 | 0.05 |
| 25 | Total coliform | MPN/100ml | APHA-9230B | Nil | Nil | Nil |

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Party Code No. -- CPPL/12/04
Name of Project – Park Life Group Housing village-Samaspur Sector-57 Gurgaon
Nature of Sample – Noise Quality
Sample Collected by – Scientists of EMTRC

AMBIENT NOISE LEVEL

| Location Name | Date of Monitoring | Day time Leq; dB(A) | Day time Standard Leq; dB(A) | Night time Leq; dB(A) | Night time Standard Leq; dB(A) |
|-----------------|--------------------|---------------------|------------------------------|-----------------------|--------------------------------|
| Project Site | 12-12-2013 | 52.4 | 55 | 42.2 | 45 |
| Babupur Village | 12-12-2013 | 50.6 | 55 | 41.6 | 45 |
| Mohmad Hedi | 11-12-2013 | 50.8 | 55 | 41.8 | 45 |
| Dharpur | 11-12-2013 | 49.2 | 55 | 41.2 | 45 |

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Party Code No. -- CPPL/12/05
Name of Project – Park Life Group Housing village-Samaspur Sector-57 Gurgaon
Nature of Sample – Soil Quality
Date of Monitoring – 12-12-2013
Sample Collected by – Scientists of EMTRC

ANALYSIS RESULTS

| | Parameters | Soil sample Project site |
|----|--|-----------------------------|
| 1 | Bulk Density; g/cm ³ | 1.32 |
| 2 | Color | Light Brown |
| 3 | Organic matter; % | 0.52 |
| 4 | Water Holding Capacity, % | 32 |
| 5 | pH (20% slurry) | 8.04 |
| 6 | Texture | Sandy loam |
| 7 | Carbonates, % | NT |
| 9 | Bicarbonates, % | 0.05 |
| 10 | Conductivity (20% slurry), μ mhos/cm | 320 |
| 11 | Potassium, % | 0.30 |
| 12 | Phosphorus, % | 0.028 |
| 13 | Nitrogen, % | 1.32 |

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